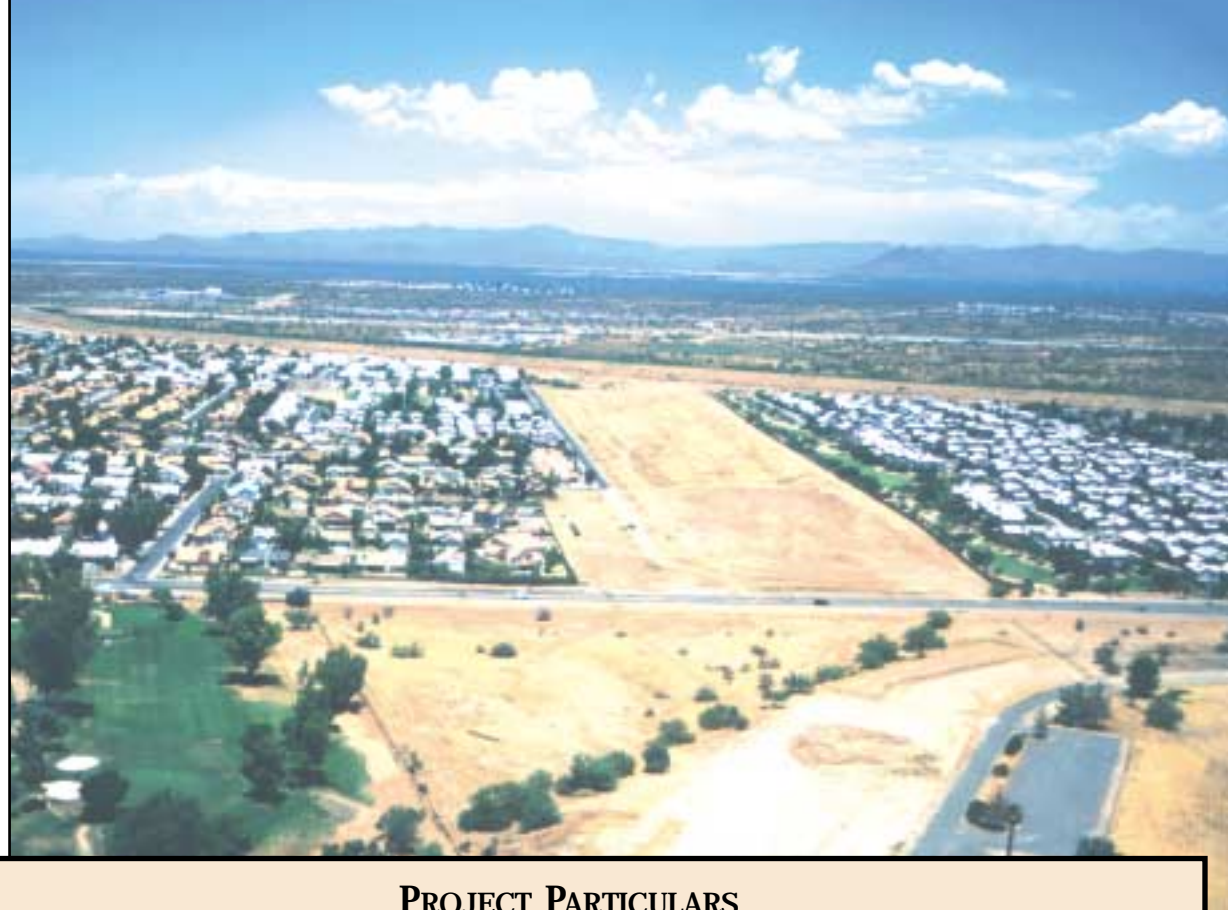


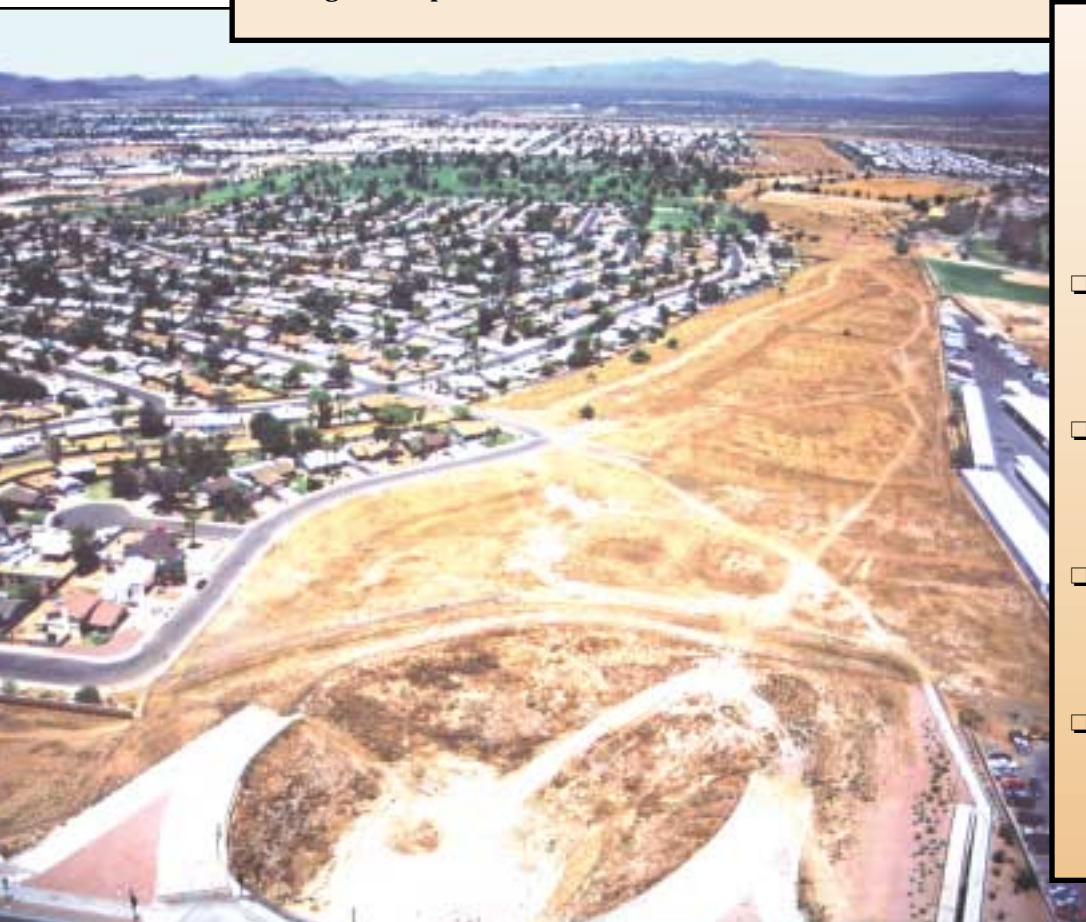
Utility relocations began last spring in the SR 51 corridor at Union Hills Drive, right, preceding installation of a construction by-pass to carry traffic around the north side of bridge work.

The depressed freeway section continues from Bell Road, below, to north of Union Hills where the highway is elevated to cross the CAP Canal where ramps to and from the Loop 101 Pima will link the freeways.



#### PROJECT PARTICULARS

- ❑ \$38.6 million project awarded to Pulice Construction, Inc., by the State Transportation Board, June '01
- ❑ 2.4 miles of six lane freeway, passing beneath Union Hills Dr. and over the CAP Canal, with a multi-level freeway to freeway interchange linking SR 51 and the Loop 101 Pima
- ❑ Project time allowed is 450 working days, beginning August 17, '01 (approximately 22 months)
- ❑ Total excavation for roadway and drainage systems is approximately two million cubic yards
- ❑ Target Completion: fall '03



#### FOR MORE INFORMATION

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# A R I Z O N A D E P A R T M E N T O F TRANSPORTATION



## THE FINAL SEGMENT

BELL ROAD TO PIMA FREEWAY TRAFFIC INTERCHANGE AUGUST 2001



SR51/101L Traffic Interchange Photo Illustration: Mike Tickle

Work begins this month to complete the final 2.4 miles of State Route 51 between Bell Road and the Loop 101 Pima Freeway. A freeway-to-freeway interchange to link the freeways is part of the \$38.6 million contract awarded to Pulice Construction, Inc., Phoenix, by the State Transportation Board in June. Construction will be completed by late 2003.

Excavation of approximately two million cubic yards of material is the first challenge on the project. Embankments for the new roadway over the CAP Canal and for Loop 101 ramps will be constructed during the first phase. Excavation areas will be pre-wetted to deeply saturate soils and minimize dust. Hauling will occur within the freeway corridor and water trucks will be utilized to control dust on haul roads. As earthwork advances, bridge construction will begin.

Bridges will be built at Union Hills Drive, the CAP Canal and for ramps over Loop 101.

Bridge work over Loop 101 will require lane restrictions, traffic shifts and short-term closures as work progresses. Advance warning signs advising of these changes will be posted, providing motorists sufficient time to plan alternative routes.

In addition to the freeway and ramp structures, pedestrian/bicycle bridges will be constructed over SR 51 near Grovers Avenue and over Union Hills Drive on the east side of the freeway. A bike path will be extended from Bell Road through Paradise Valley Park, over Union Hills Drive and the CAP Canal to connect to the multi-use trail in the City of Phoenix Reach 11 Park.

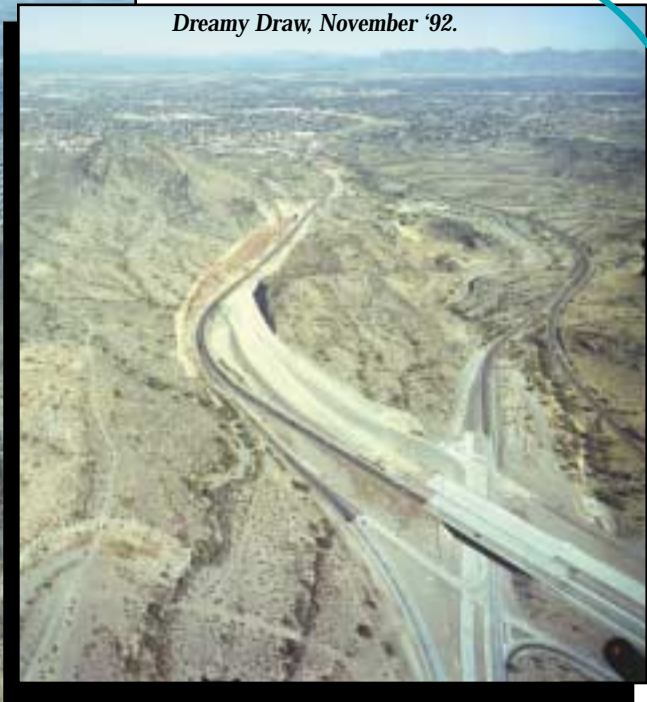
Retaining walls and sound barrier installation will generally follow the completion of the earthwork and bridge efforts. However, in areas where it is feasible, some sound barriers will be installed earlier.

READ ON...





SR 51 corridor prior to construction through Dreamy Draw, August '92.



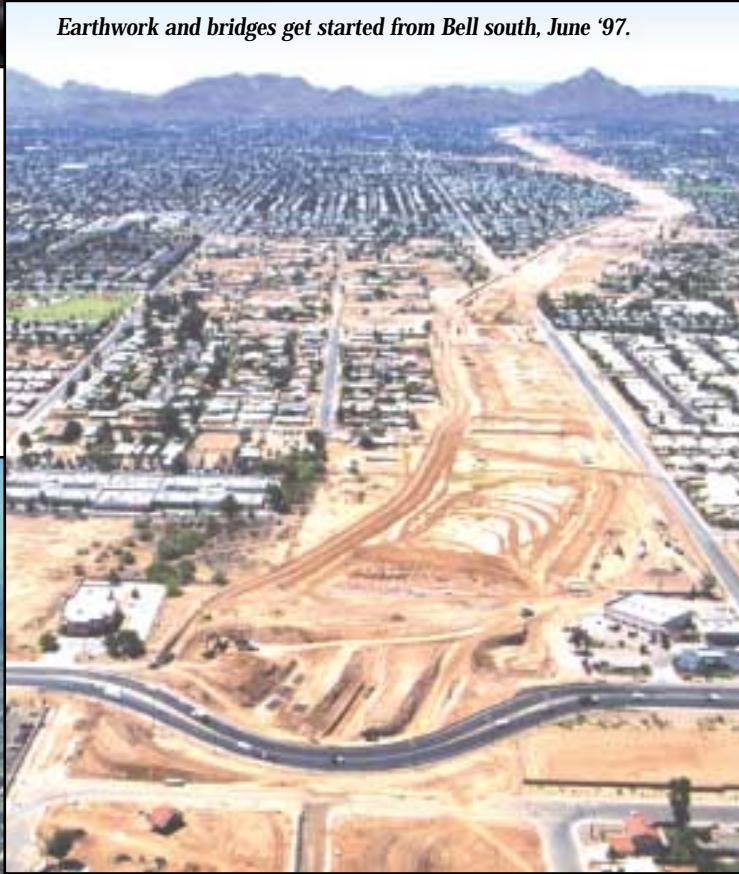
Dreamy Draw, November '92.



Greenway, December '98.



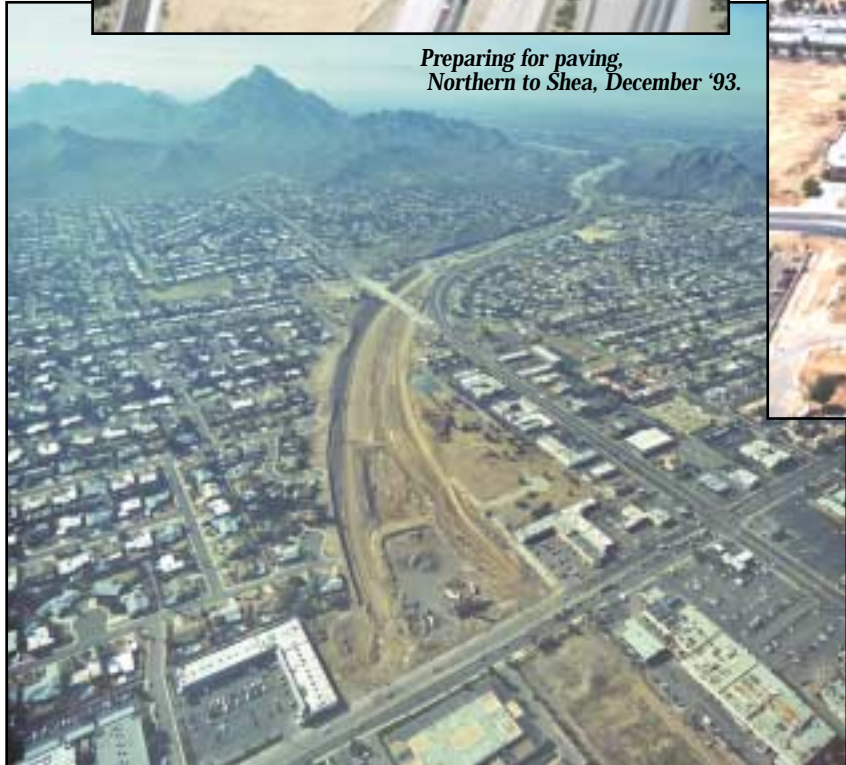
Excavation completed from Shea to Thunderbird, August '94.



Earthwork and bridges get started from Bell south, June '97.



An interim opening between Northern and Shea, August '94.



Preparing for paving,  
Northern to Shea, December '93.

**CONTINUED FROM COVER**

Advance utility relocations have been substantially completed in the vicinity of Union Hills Drive. The next phase of construction on Union Hills, under the guidance of the City of Phoenix, consists of building a by-pass around SR 51 bridge work and rebuilding Union Hills between 32nd Street and Tatum Boulevard. Union Hills from 37th Street to 39th Place will be rebuilt as part of ADOT's bridge construction. Although Union Hills will remain open during construction, traffic restrictions and lane shifts will be needed through the construction zone. Please observe all speed limits and be aware that temporary traffic control features will frequently change during the course of the project.

Temporary fencing will be installed to delineate work areas through Paradise Valley Park, the recreational trail on the south side of the CAP Canal and through the Reach 11 Park areas. Neighborhood safety is our highest priority. During the early phases of construction in the corridor conditions will be constantly changing and the work site must be strictly off limits for the safety of all our neighbors.

We thank you for your patience and perseverance as we complete work on this key regional freeway.

**SR 51 construction from Glendale Avenue to Loop 101 began in December '89 and will end in fall 2003, completing six separate segments. Construction contracts awarded by the State Transportation Board for the 10.2 miles of highway funded through Proposition 300 (1985) sales tax revenues totaled \$151 million. SR 51's alignment was set in May '87.**

LOOP  
101

51

Union Hills  
Drive



Pedestrian  
Crossing

Bell Road

The Loop 101 Pima Freeway is scheduled to open August 31 from Interstate 17 to Scottsdale Road. Through the SR 51 interchange construction zone it will be restricted to two lanes in each direction until ramp bridges over the freeway are done.

**SR 51 CONSTRUCTION SEQUENCE**

Glendale Ave. to Northern Ave.	12/89 to 4/91
Northern to Shea Blvd.	8/92 to 2/95
Shea Traffic Interchange	4/95 to 7/96
Shea to Thunderbird Rd	10/96 to 6/99
Thunderbird to Bell Rd.	11/96 to 6/99